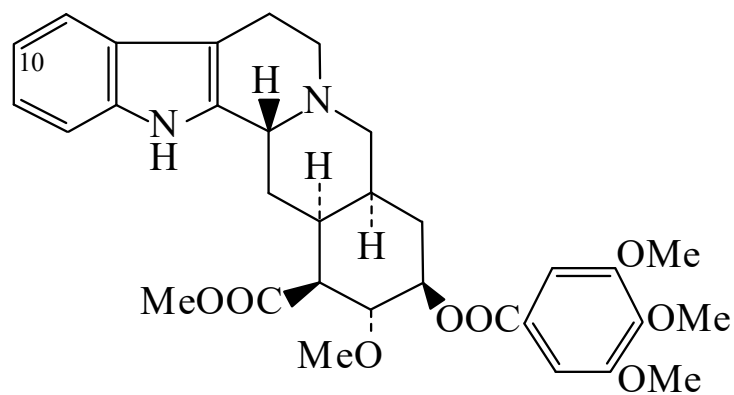




>>Entry Name: Deserpidine, BAN, INN

Synonym(s): 11-Demethoxyreserpine. Canescine. Harmony. Raunormine. Recanescine. Reserpidine. Lilly 22641



Absolute
configuration

CAS Registry Number: 131-01-1

Molecular Formula: C₃₂H₃₈N₂O₈

Molecular Weight: 578.661

Accurate Mass: 578.262818

Percentage Composition: C 66.42%; H 6.62%; N 4.84%; O 22.12%

Biological Source: Alkaloid from *Rauwolfia canescens* and several other *Rauwolfia* spp., *Tonduzia longifolia* and *Ochrosia vieillardii* (Apocynaceae)

Use/Importance: Antihypertensive, neuroleptic tranquilliser agent

Physical Description: Trimorphic

Melting Point: Mp 228-232° (220-222° dec.)

Optical Rotation: [α]_D²⁴ -137 (CHCl₃). [α]_D -118 (c, 1 in CHCl₃)

Calculated Log P Data: Log P 3.35 (calc)

Hazard & Toxicity: Exp. reprod. effects. LD₅₀ (mus, orl) 500 mg/kg

>>Derivative: Hydrochloride

Physical Description: Cryst. + 1MeOH (MeOH)

Melting Point: Mp 241-243 dec.°

>>Derivative: 19,20-Didehydro

see Deserpideine, [GPF79-P](#)

>>Derivative: O¹⁷-De-Me

see Raunescine, [GPB35-F](#)

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